

Computational approaches to understand the interactions of small bioactive compounds and cell surface receptors with the SARS-CoV-2 viral proteins

by Chainee Das

Submission date: 03-Apr-2025 11:51AM (UTC+0530)

Submission ID: 2627766033

File name: nd_cell_surface_receptors_with_the_SARS-CoV-2_viral_proteins.pdf (2M)

Word count: 62082

Character count: 337610

Computational approaches to understand the interactions of small bioactive compounds and cell surface receptors with the SARS-CoV-2 viral proteins

ORIGINALITY REPORT

7%

SIMILARITY INDEX

0%

INTERNET SOURCES

7%

PUBLICATIONS

2%

STUDENT PAPERS

PRIMARY SOURCES

1

Submitted to Jawaharlal Nehru University (JNU)

Student Paper

<1%

2

Dongyou Liu. "Molecular Detection of Human Viral Pathogens", CRC Press, 2019

Publication

<1%

3

Cheng Peng, Zhengdan Zhu, Yulong Shi, Xiaoyu Wang, Kaijie Mu, Yanqing Yang, Xinben Zhang, Zhijian Xu, weiliang zhu.

"Computational study of the strong binding mechanism of SARS-CoV-2 spike and ACE2", American Chemical Society (ACS), 2020

Publication

<1%

4

Nazmul Islam, Savaş Kaya. "Conceptual Density Functional Theory and Its Application in the Chemical Domain", CRC Press, 2018

Publication

<1%

5

Shaban Ahmad, Piyush Bhanu, Jitendra Kumar, Ravi Kant Pathak et al. "Molecular dynamics simulation and docking studies reveal NF-κB as a promising therapeutic drug target for COVID-19", Research Square Platform LLC, 2021

Publication

<1%